

Excellent Integrated System Limited

Stocking Distributor

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[TDK Corporation](#)

[SL1720-151K2R1-PF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Radial Lead Inductors(Coils) For Power Line

Conformity to RoHS Directive

SL Series SL1720

FEATURES

- This is a low Rdc, best for the power supply line.
- There is a series of many types from low inductance to high inductance in large current.
- It is a product conforming to RoHS directive.

APPLICATIONS

Televisions, CRT displays, printers, and various types of electronic products.

SPECIFICATIONS

Operating temperature range	−40 to +85°C [Including self-temperature rise]
Storage temperature range	−40 to +85°C [Unit of products]
Terminal strength	9.8N min.
Flow soldering condition	260°C /10 seconds

PRODUCT IDENTIFICATION

SL	1720	-	151	K	2R1	-	PF
(1)	(2)		(3)	(4)	(5)		(6)

(1)Series name

(2)Dimensions

Type	Dimension	Lead pitch
1720	ø16.9×20.5mm	10mm

(3)Inductance value

151	150μH
102	1000μH

(4)Inductance tolerance

K	±10%
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(5)Rated current

2R1	2.1A
R60	0.6A

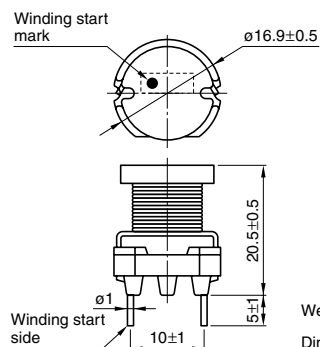
(6)Lead-free compatible product

PF	Lead-free compatible product
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PACKAGING STYLE AND QUANTITIES

Packaging style	Quantity
Bulk	100 pieces/tray

SHAPES AND DIMENSIONS



Weight: 13g typ.

Dimensions in mm



ELECTRICAL CHARACTERISTICS

Inductance (μ H)	Inductance tolerance	DC resistance (Ω)max.	Rated current(A)*max.		Part No.
			Based on inductance change	Based on temperature rise	
150	$\pm 10\%$	0.1	3	2.1	SL1720-151K2R1-PF
220	$\pm 10\%$	0.13	2.6	1.8	SL1720-221K1R8-PF
330	$\pm 10\%$	0.18	2	1.5	SL1720-331K1R5-PF
470	$\pm 10\%$	0.27	1.7	1.3	SL1720-471K1R3-PF
680	$\pm 10\%$	0.38	1.4	1	SL1720-681K1R0-PF
1000	$\pm 10\%$	0.54	1.1	0.9	SL1720-102KR90-PF
1500	$\pm 10\%$	0.86	0.98	0.72	SL1720-152KR72-PF
2200	$\pm 10\%$	1.22	0.81	0.6	SL1720-222KR60-PF

* Rated current: Value obtained when current flows and self-temperature has risen to 25°C.

- Test equipment Inductance: LCR METER YHP4261A, or equivalent
Rdc: MILLIOHM METER VP-2941A MATSUSHITA, or equivalent

TYPICAL ELECTRICAL CHARACTERISTICS

INDUCTANCE CHANGE vs. DC SUPERPOSITION CHARACTERISTICS

